Province of British Columbia
Ministry of Energy, Mines and
Petroleum Resources

MINERAL RESOURCES DIVISION

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VICTORIA
BRITISH COLUMBIA
CANADA

January 1987

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PUBLICATIONS, MAPS AND SERVICES
MINERAL RESOURCES DIVISION

INTRODUCTION

The Mineral Resources Division has a number of series of publications, maps and files. Annual Reports of the Minister of Mines have been issued since 1874, but the character has changed over the years. New reports and map series have been initiated as required. This catalogue lists the published material available from the division. Occasionally additional notes have been included to assist the user.

HOW TO ORDER

IN PERSON

All publications listed in this book may be purchased over the counter at Publications Distribution, 552 Michigan Street (basement), Victoria [telephone (604) 387-3188]. Also, all current topical ministry publications and a limited supply of older publications are available over the counter at the Geological Survey and Mineral Titles office, Suite 159, 800 Hornby Street, Vancouver. Many of the Ministry's publications (excluding maps) may be obtained from the Geological Survey of Canada, Sixth Floor, 100 West Pender Street, Vancouver. Current reports may be obtained from the Ministry's office at 800 Hornby Street, Vancouver.

Laws relating to the mineral industry should be obtained from the Queen's Printer Bookstore, 506 Government Street, Victoria [telephone (604) 387-1901].

BY MAIL

If prepaid all publications listed in this catalogue are available by mail. Please mail your request listing the publications required and your remittance, payable to the Minister of Finance, to:

Publications Distribution,
Ministry of Energy, Mines and Petroleum Resources,
Parliament Buildings,
Victoria, B.C.
V8V 1X4

Due to a change in revenue collection policy we no longer invoice for payment of publications.

PRICE

Prices include the provincial sales tax, where applicable, and are subject to change without notification.

OTHER SERVICES

PHOTOCOPYING

Material in any of the Ministry's publications will be supplied at a charge of 25 cents per page or pair of facing pages. Occasionally a research fee is added.

NOTIFICATIONS

Applications are invited from those who wish to receive notices when new publications become available. However, to protect the Ministry from an endlessly increasing list that would eventually include many redundancies, names will be dropped systematically from the list.

ANNUAL REPORTS

The following Annual Reports are available:

Year	Paper Bound $	Cloth Bound $	Year	Paper Bound $	Cloth Bound $
1939	–	10.00	1968	7.00*	10.00
1945	7.00	10.00	1969	7.00	10.00
1946	7.00	–	1970	3.00	7.00
1956	*	–	1971	3.00	7.00
1957	*	–	1972	3.00	7.00
1958	*	10.00	1973	–	7.00
1959	*	10.00	1974	3.00	7.00
1960	*	10.00	1975	3.00	7.00
1961	7.00*	10.00	1976	3.00	7.00
1962	7.00*	10.00	1977	3.00	7.00
1963	7.00*	10.00	1978	3.00	7.00
1964	7.00*	10.00	1979	3.00	7.00
1965	7.00*	10.00	1983	Free	–
1966	7.00*	10.00	1984	Free	–
1967	7.00*	10.00	1985	Free	–

*The Lode Metals section of the Annual Report, equivalent in many ways to Geology, Exploration and Mining in British Columbia, is available for the years indicated at a charge of $3.00 each.

Note: From 1969 to 1974, technical reports on geology, mineral exploration, metal mines, placer, industrial minerals and structural materials, and coal which were formerly included in the Annual Report were published separately in Geology, Exploration and Mining in British Columbia. In 1975, Geology, Exploration and Mining in British Columbia was divided into three parts (*see* page 9).

The Annual Reports for the years 1969 to 1970 inclusive comprise chapters on the mining and petroleum industries, activity of the Ministry, mineral resource statistics, and petroleum and natural gas statistics. In 1980 the detailed statistics were transferred to the Information Report series. This volume was entitled the *Summary of Operations*. In 1985 the statistics were again transferred within the Information Report series to the volume entitled the *B.C. Mineral Quarterly* (*see* Information Report Series).

INFORMATION REPORT SERIES

The Information Report series was initiated by the Ministry in 1980. The *Summary of Operations, Mineral Resources Division* (1980 to 1984 inclusive) contains detailed statistical information formerly incorporated in the Annual Reports of the Minister. This volume consists of three chapters: the industry in the title year, activity of the Mineral Resources Division in the title year, and detailed mineral resource statistics for the title year.

The following issues of the *Summary of Operations* are available:

Year	Summary of Operations	Price $
1980	Information Report 1984–2	3.00
1981	Information Report 1984–3	3.00
1982	Information Report 1984–4	3.00
1983	Information Report 1984–5	3.00
1984	Information Report 1986–1	3.00

Starting with 1985, all detailed statistics have been incorporated into the *B.C. Mineral Quarterly*. This volume is published approximately every three months by the Mineral Policy and Evaluation Branch. It contains the latest available statistics (formerly reported in the *Summary of Operations*) on major producing mines and exploration activity in the province compiled by the Ministry's own surveys. Statistics include quantities produced and prices and values received for mineral commodities by major producers, as well as information on major exploration projects. In addition, selected significant events, studies, government initiatives and programs, and items of general interest on British Columbia mining are reported.

The following issues of the *B.C. Mineral Quarterly* are available free of charge:

B.C. Mineral Statistics Quarterly, May 1982
B.C. Mineral Quarterly, Statistics and Information, Second Quarter 1982, November 1982
B.C. Mineral Quarterly, Statistics and Information, Third Quarter 1982, February 1983
B.C. Mineral Quarterly, Statistics and Information, Fourth Quarter 1982, July 1983
B.C. Mineral Quarterly, Statistics and Information, First and Second Quarters 1983, January 1984
B.C. Mineral Quarterly, Statistics and Information, Third and Fourth Quarters 1983, June 1984
B.C. Mineral Quarterly, Statistics and Information, First Quarter 1984, August 1984
B.C. Mineral Quarterly, Statistics and Information, Second, Third and Fourth Quarters 1984, May 1985
B.C. Mineral Quarterly, Statistics and Information, 1985, May 1986
B.C. Mineral Quarterly, Statistics and Information, First Quarter 1986, July 1986

GEOLOGY, EXPLORATION AND MINING IN BRITISH COLUMBIA

In 1969 a new annual publication entitled *Geology, Exploration and Mining in British Columbia* was initiated. It comprises chapters on Metals, Placer, Structural Materials and Industrial Minerals, and Coal, and incorporates geological and technical reports that formerly were part of the Annual Report.

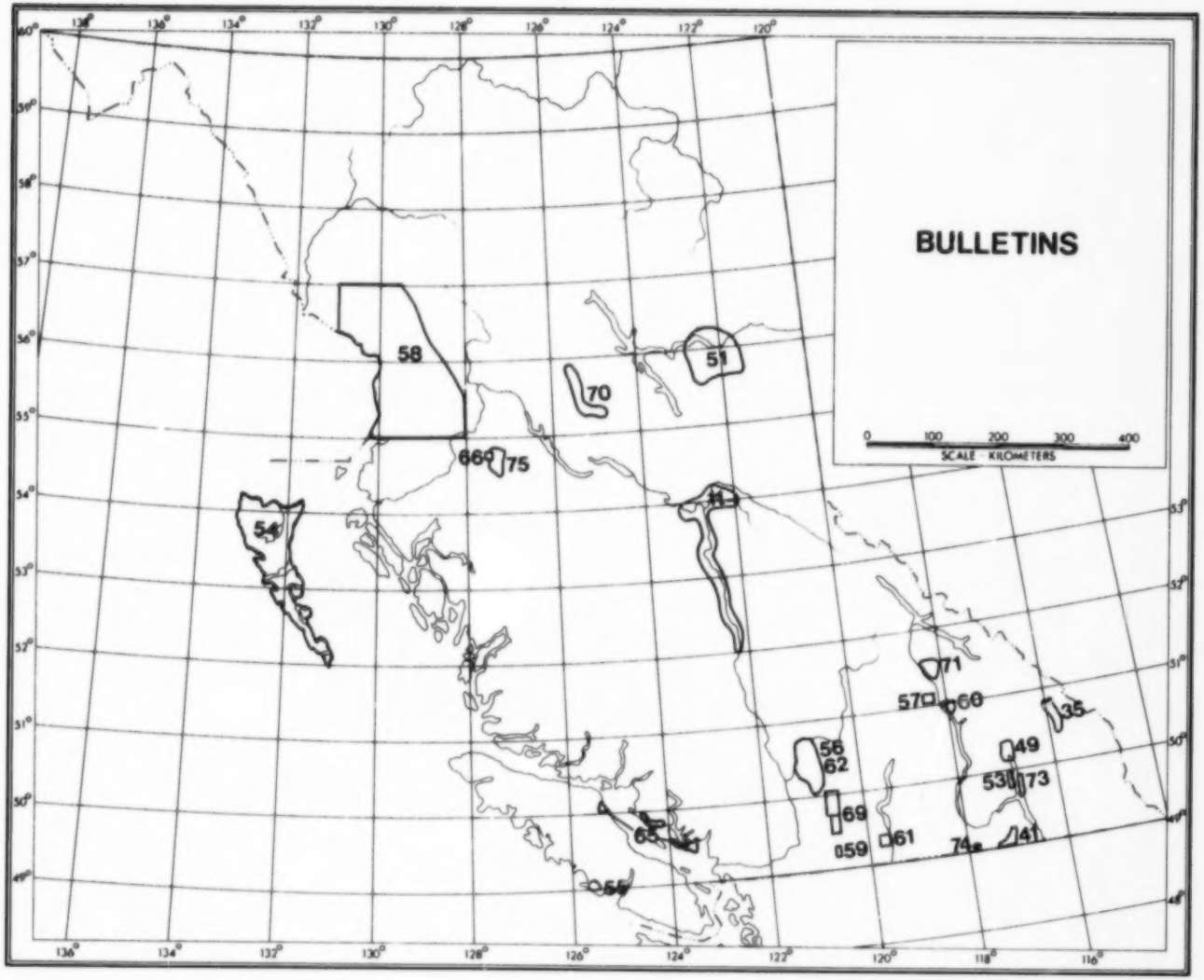
The following reports are available:

Year	Paper Bound $	Cloth Bound $	Year	Paper Bound $	Cloth Bound $
1969	10.00	12.00	1972	10.00	12.00
1970	10.00	12.00	1973	10.00	12.00
1971	10.00	12.00	1974	10.00	12.00

In 1975, *Geology, Exploration and Mining in British Columbia* was separated into three parts: *Geology in British Columbia, Exploration in British Columbia,* and *Mining in British Columbia.*

The following sections are available:

Year	Volume	Price $
1975	Geology in British Columbia	5.00
1976	Geology in British Columbia	7.50
1977–1981	Geology in British Columbia (last of series)	8.00
1975	Exploration in British Columbia	8.00
1976	Exploration in British Columbia	8.00
1977	Exploration in British Columbia	8.00
1978	Exploration in British Columbia	8.00
1979	Exploration in British Columbia	12.00
1980	Exploration in British Columbia	20.00
1982	Exploration in British Columbia	20.00
1983	Exploration in British Columbia	20.00
1984	Exploration in British Columbia	20.00
1985	Exploration in British Columbia	20.00
1981	Assessment Report Summary Exploration in British Columbia	10.00
1975–1980	Mining in British Columbia	
	Volume I – Mine Production	5.00
	Volume II – Report of the Chief Inspector	7.00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BULLETIN SERIES

The bulletin series started in 1940. The following list includes those still available for distribution. The scale of the main map is listed where applicable.

Bulletin Number		Price $
11	Fraser River Tertiary Drainage-history in Relation to Placer-gold Deposits, II, by Douglas Lay, 1941	5.00
14	Coal Analyses of British Columbia, by James Dickson, 1941	5.00
20	Lode Gold Deposits, Part II, Southeastern British Columbia, by W.H. Mathews, revised, 1944	5.00
21	Notes on Placer-mining in British Columbia, by Officers of the Department, 1946	5.00
28	Placer Gold Production of British Columbia, by Stuart S. Holland, 1950	5.00
35	Geology of the Stanford Range of the Rocky Mountains, East Kootenay District, British Columbia, by G.G.L. Henderson, 1954 (1 inch = 1 mile)	5.00
41	Stratigraphy and Structure of the Salmo Lead-zinc Area, by James T. Fyles and C.G. Hewlett, 1959 (1 inch = 2,000 feet)	5.00
46	Late Glacial History and Surficial Deposits of the Okanagan Valley, British Columbia, by Hugh Nasmith, 1962 (reprinted, 1981 – maps in pocket black and white)	5.00
48	Landforms of British Columbia, A Physiographic Outline, by Stuart S. Holland, 1964 (reprinted with updates, 1976) (1 inch = 30 miles)	5.00
49	Geology of the Duncan Lake Area, Lardeau District, British Columbia, by James T. Fyles, 1964 (1 inch = 1 mile)	5.00
51	Jurassic and Cretaceous Strata of the Bullhead Succession in the Peace and Pine River Foothills, by J.E. Hughes, 1964 (1 inch = 1½ miles)	5.00
53	Geology of the Ainsworth–Kaslo Area, British Columbia, by James T. Fyles, 1967 (1 inch = 1,000 feet)	5.00
55	Geology of the Kennedy Lake Area, Vancouver Island, British Columbia, by G.E.P. Eastwood, 1968 (1 inch = ½ mile)	5.00
56	Geology and Geochronology of the Guichon Creek Batholith, by K.E. Northcote, 1969 (1 inch = 2 miles)	5.00
57	The Jordan River Area near Revelstoke, British Columbia (A Preliminary Study of Lead-zinc Deposits in the Shuswap Metamorphic Complex), by James T. Fyles, 1970 (1 inch = 2,000 feet)	5.00
58	Geology and Mineral Deposits of the Stewart Area, British Columbia, by E.W. Grove, 1971 (1 inch = ½ mile)	7.00

Bulletin Series *(Continued)*		Price $
59	Geology of Copper Mountain, by V.A. Preto, 1972 (1 inch = 1,000 feet) ...	7.00
60	Geology of the Akolkolex River Area, by R.I. Thompson, 1979 (1:50 000) ...	7.00
61	Geology of the White Lake Basin, by B.N. Church, 1973 (1:50 000)	7.00
62	Gravity, Magnetics, and Geology of the Guichon Creek Batholith, by C.A. Ager, W.J. McMillan, and T.J. Ulrych, 1972 (1 inch = 4 miles)	7.00
63	Geology and Mineral Deposits of the Unuk River–Salmon River–Anyox Area, by E.W. Grove, 1986 ...	10.00
64	Porphyry Copper and Molybdenum Deposits, West-Central British Columbia, by N.C. Carter, 1981 (1:50 000) ...	7.00
65	Surficial Geology and Sand and Gravel Deposits of Sunshine Coast, Powell River, and Campbell River Areas, by J.W. McCammon, 1977 (1:1 000)	7.00
66	Berg Porphyry Copper–Molybdenum Deposit, by Andrejs Panteleyev, 1981 (1:24 000) ...	10.00
68	An Analysis of Distribution of Mineral Occurrences in British Columbia, by A.J. Sinclair, H.R. Wynne-Edwards, and A. Sutherland Brown, 1978	7.00
69	Geology of the Nicola Group Between Merritt and Princeton, by V.A. Preto, 1979 (1:50 000) ...	7.00
70	Geology and Mineral Occurrences of the Southern Hogem Batholith, by J.A. Garnett, 1978 (1:125 000) ...	7.00
71	Geology of the Goldstream Area, by Trygve Höy, 1979 (1:50 000)	7.00
73	Geology of the Riondel Area, Central Kootenay Arc, Southeastern British Columbia, by Trygve Höy, 1980 (1:50 000) ...	7.00
74	Geological Setting of the Rossland Mining Camp, by James T. Fyles, 1984 (1:11 904) ...	5.00
75	Geology and Mineral Deposits of the Tahtsa Lake District, West Central British Columbia, by Don G. MacIntyre, 1985 (1:50 000)	7.00
76	The Purcell Supergroup, Fernie West-half, Southeastern British Columbia, Part A – Stratigraphy – Measured Sections, by Trygve Höy, 1985	6.00

The following bulletins are out of print and no longer available for distribution, but are available for viewing in the Ministry Library, Room 430, 617 Government Street, Victoria:

Bulletin Number	
1	Aiken Lake Area, North-Central British Columbia, by Douglas Lay, 1940.
2	Placer-gold Deposits, Wheaton (Boulder) Creek, Cassiar District, by Stuart S. Holland, 1940.
3	Fraser River Tertiary Drainage-history in Relation to Placer-gold Deposits, I, by Douglas Lay, 1940.
4	Saline and Hydromagnesite Deposits in British Columbia, by J.M. Cummings, 1940.
5	Mercury Deposits of British Columbia, by John S. Stevenson, 1940.
6	Geology of Camp McKinney and the Cariboo Amelia Mine, by M.S. Hedley, 1940.
7	Lode-gold Deposits of the Upper Lemon Creek Area and Lyle Creek–Whitewater Creek Area, Kootenay District, by R.J. Maconachie, 1940.
8	Preliminary Report on the Bedwell River Area, by H. Sargent, 1940.
9	Molybdenite in British Columbia, by John S. Stevenson, 1940.
10	Tungsten Deposits of British Columbia, by John S. Stevenson and Staff of the Department of Mines, revised, 1941.
12	Reconnaissance in the Area of Turnagain and Upper Kechika Rivers, by M.S. Hedley and Stuart S. Holland, 1941.
13	Supplementary Report on Bedwell River, by H. Sargent, 1941.
15	Hydraulic Mining Methods, by Stuart S. Holland, 1942.
16	Dragline Dredging Methods, by Stuart S. Holland, 1942.
17	An Introduction to Metal-mining in British Columbia, by Officers of the Department, 1943.
18	Specimens and Samples, Their Treatment and Use, by Officers of the Department, 1949.
19	The Tuya–Teslin Area, Northern British Columbia, by K. DeP. Watson and W.H. Mathews, 1944.
20	Lode-gold Deposits – Part III: Central Southern British Columbia, by M.S. Hedley and K. DeP. Watson, 1945. Part IV: Southwestern British Columbia (Exclusive of Vancouver Island), by J.S. Stevenson, 1944. Part V: Vancouver Island, by J.S. Stevenson, 1944. Part VI: Northeastern British Columbia and Cariboo and Hobson Creek Areas, by Stuart S. Holland, 1946.

Bulletins out of print *(Continued)*

22 Geology of the Whitewater and Lucky Jim Mine Areas, by M.S. Hedley, 1945.

23 Calcareous Deposits of the Georgia Strait Area, by W.H. Mathews, 1947.

24 Geology and Coal Resources of the Carbon Creek–Mount Bickford Map-area, by W.H. Mathews, 1946.

25 The Squaw Creek–Rainy Hollow Area, by K. DeP. Watson, 1948.

26 Report on the Stanley Area, Cariboo Mining Division, by Stuart S. Holland, 1948.

27 Geology and Mineral Deposits of the Zeballos Mining Camp, British Columbia, by John S. Stevenson, 1950.

29 Geology and Ore Deposits of the Sandon Area, Slocan Camp, British Columbia, by M.S. Hedley, 1952.

30 Clay and Shale Deposits in British Columbia, by J.W. McCammon and J.M. Cummings, 1952.

31 Geology of the Sheep Creek Camp, by W.H. Mathews, 1953.

32 Geology and Mineral Deposits of the Shulaps Range, Southwestern British Columbia, by G.B. Leech, 1953.

33 Geology of the Crowsnest Coal Basin with Special Reference to the Fernie Area, by C.B. Newmarch, 1953.

34 Geology of the Yanks Peak–Roundtop Mountain Area, Cariboo District, British Columbia, by Stuart S. Holland, 1954.

36 Coal Reserves of the Hasler Creek–Pine River Area, British Columbia, by N.D. McKechnie, 1955.

37 Geology of the Cowichan Lake Area, Vancouver Island, British Columbia, by James T. Fyles, 1955.

38 Geology of the Antler Creek Area, British Columbia, by A. Sutherland Brown, 1957.

39 Geology of Lower Jervis Inlet, British Columbia, by W.R. Bacon, 1957.

40 Calcareous Deposits of Southwestern British Columbia, by W.H. Mathews and J.W. McCammon, 1957.

42 Geology of the Kemano–Tahtsa Area, by R.A. Stuart, 1960.

43 Geology of the Rocher Deboule Range, by A. Sutherland Brown, 1960.

44 Geology of the Fraser River Valley Between Lillooet and Big Bar Creek, by Hans Peter Trettin, 1961.

45 Geology of the Ferguson Area, Lardeau District, British Columbia, by James T. Fyles and G.E.P. Eastwood, 1962.

Bulletins out of print *(Continued)*

47 Geology of the Cariboo River Area, British Columbia, by A. Sutherland Brown, 1963.

50 The Devonian Slave Point, Beaverhill Lake, and Muskwa Formations of Northeastern British Columbia and Adjacent Areas, by D.L. Griffin, 1965.

52 Geology of the Pine Valley, Mount Wabi to Solitude Mountain, Northeastern British Columbia, by J.E. Hughes, 1967.

54 Geology of the Queen Charlotte Islands, by A. Sutherland Brown, 1968.

INDEXES

	Price $
No. 3 – Index to publications of the British Columbia Department of Mines, Annual Reports of the Minister of Mines, 1937 – 1953, inclusive, and Bulletins Nos. 1 – 35, inclusive, 1955. Index No. 3 incorporates corrections to the 1874–1936 index and replaces the 1937–1953 index. (Tables listing the recorded production of lode-metal mines and the occurrences of metals in lode deposits are appended.)	
Paper bound	5.00
No. 4 – Index to publications of the British Columbia Department of Mines and Petroleum Resources, Annual Reports of the Minister of Mines and Petroleum Resources, 1954 – 1964, inclusive, and Bulletins Nos. 36 – 51, inclusive, 1966. Index No. 4 incorporates corrections to the 1874–1936 and 1937–1953 indexes. (Tables listing the recorded production of lode-metal mines and the occurrences of metals in lode deposits are appended.)	
Paper bound	5.00
Cloth bound	10.00

MISCELLANEOUS INDEX

Index to Bedrock Geological Mapping, 1983	5.00

MISCELLANEOUS PUBLICATIONS

Geology and Ore Deposits of the China Creek Area, Vancouver Island, British Columbia, 1945	5.00
Quaternary Stratigraphy and Geomorphology of the Fort St. John Area, by W.H. Mathews, 1963	2.00
Guidelines for Design, Construction, and Abandonment of Tailings Impoundments	Free
Guidelines for Coal Exploration	Free
Guidelines for Mineral Exploration	Free
Guide to Legislation and Approvals in Placer Mining	Free
Mine Reclamation Guidelines, March 1984	Free
The Identification of Common Rocks, by Officers of the Department, 1970	Free

PAPER SERIES

Toward the end of 1978, the Ministry started a series called *Papers* to help distinguish the increasing number of miscellaneous publications. The series includes all ministerial publications that are not included in the Bulletin, GEM (Geology, Exploration and Mining), or Annual Report series. Identification is by year of publishing plus sequential numbering, for example, 1979–1. Back issues of publications of the Inspection and Engineering Branch have been allotted numbers and are listed below, with availability, for reference purposes.

		Price $
1975– 1	Survival – Mine Rescue	5.00
1976– 1	Geological Fieldwork, 1975	5.00
1977– 1	Geological Fieldwork, 1976	5.00
– 2	General Underground Mine Rescue Manual	5.00
– 4	Reclamation of Lands Disturbed by Mining (Proceedings of the British Columbia Mine Reclamation Symposium, Vernon, B.C., March 16–18, 1977)	5.00
– 5	Reclamation of Lands Disturbed by Mining in Mountainous and Northern Areas (A selected bibliography and review relevant to British Columbia and adjacent areas)	5.00
1978– 4	Reclamation of Lands Disturbed by Mining (Proceedings of Second Annual British Columbia Mine Reclamation Symposium, Vernon, B.C., March 1–3, 1978)	5.00
– 6	Revegetation of Disturbances in the Northeast Coal Block, Current Activities and State-of-the-Art, 1977	5.00
1979– 1	Geological Fieldwork, 1978	5.00
– 3	Revegetation Studies in the Peace River Coal Block, 1978	5.00
– 4	Reclamation of Lands Disturbed by Mining (Proceedings of the Third Annual British Columbia Mine Reclamation Symposium, Vernon, B.C., March 7–9, 1979)	5.00
– 6	A Brief Submitted to the Royal Commission of Inquiry, Health and Environmental Protection, Uranium Mining	4.00
1980– 1	Geological Fieldwork, 1979	5.00
– 4	A Brief Submitted to the Royal Commission of Inquiry, Health and Environmental Protection, Exploration	5.00
– 5	A Brief Submitted to the Royal Commission of Inquiry, Health and Environmental Protection, Mining	5.00
– 6	A Brief Submitted to the Royal Commission of Inquiry, Health and Environmental Protection, Milling and Chemical Extraction	5.00
– 7	A Brief Submitted to the Royal Commission of Inquiry, Health and Environmental Protection, Waste Disposal	5.00

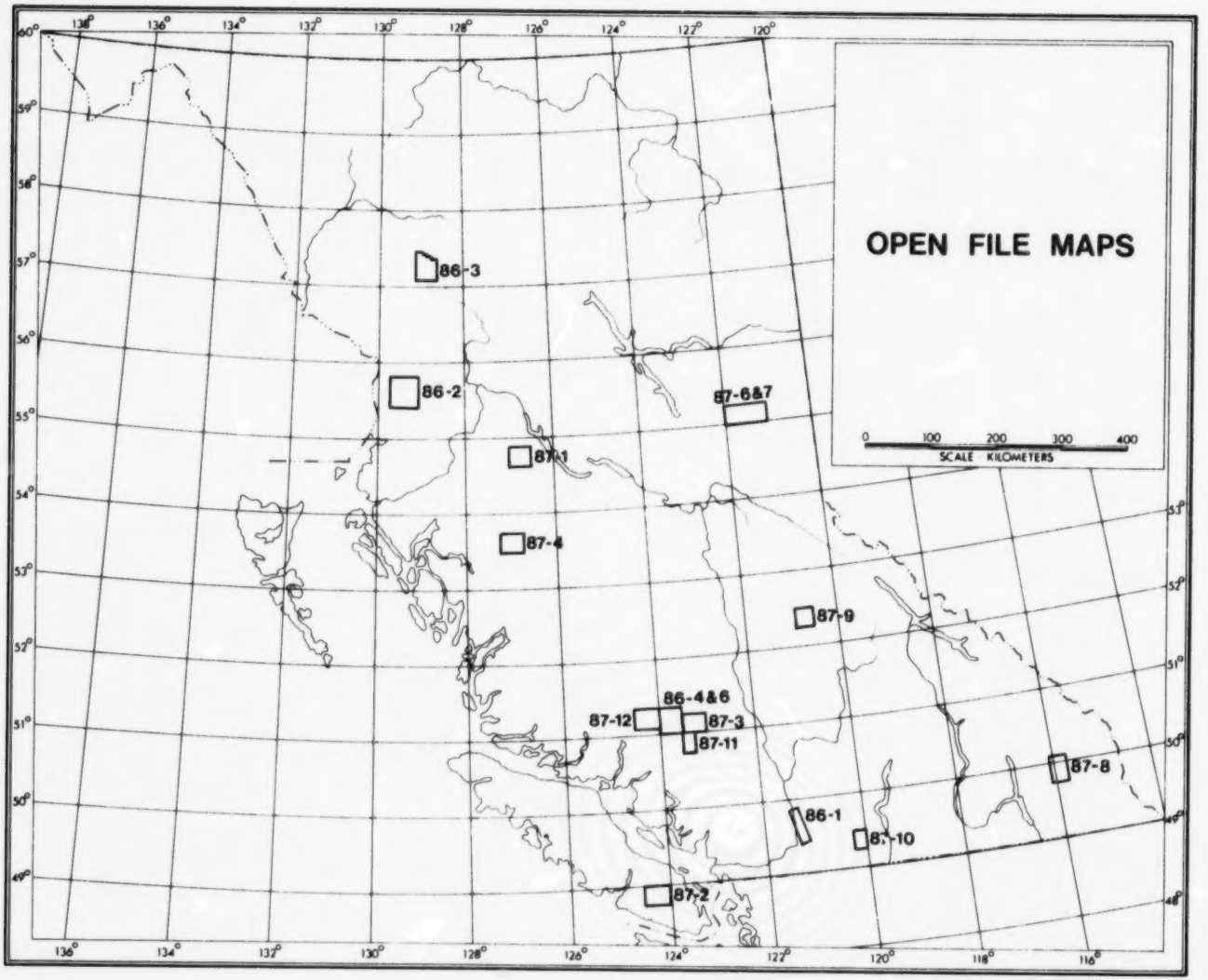
Paper Series *(Continued)*		Price $
– 8	A Brief Submitted to the Royal Commission of Inquiry, Health and Environmental Protection, Environmental Impact	5.00
– 9	A Brief Submitted to the Royal Commission of Inquiry, Health and Environmental Protection, Public and Worker Health	5.00
–10	Sand and Gravel, 1980 (British Columbia Lower Mainland)	10.00
–11	Reclamation of Lands Disturbed by Mining (Proceedings of the Fourth Annual British Columbia Mine Reclamation Symposium, Vernon, B.C., March 5–7, 1980)	5.00
1981– 1	Geological Fieldwork, 1980	5.00
– 2	Reconnaissance Rock Geochemistry of the Nicola and Kingsvale Groups Between Merritt and Princeton, by V.A. Preto	5.00
– 3	Correlation of Lower Cretaceous Coal Measures, Peace River Coalfield, British Columbia, by P. McL.D. Duff and R.D. Gilchrist	50.00
– 4	Surface Mine Rescue Manual	5.00
– 5	British Columbia Copper Smelting and Refining Technologies Seminar	10.00
1982– 1	Geological Fieldwork, 1981	5.00
– 2	Reclamation in Mountainous Areas (Proceedings of the Sixth Annual Canadian Land Reclamation Association and the Fifth Annual British Columbia Mine Reclamation Symposium)	3.00
1983– 1	Geological Fieldwork, 1982	5.00
– 2	Reclamation of Lands Disturbed by Mining (Proceedings of the Sixth Annual British Columbia Mine Reclamation Symposium)	5.00
– 3	Geology of the Princeton Basin, by R.D. McMechan	6.00
1984– 1	Geological Fieldwork, 1983	5.00
– 2	An Overview of the Placer Mining Industry in Atlin Mining Division — Placer Reprint	2.00
– 3	Geology of the Quinsam Lake Area, Vancouver Island, by G.E.P. Eastwood	5.00
1985– 1	Geological Fieldwork, 1984, A Summary of Field Activities and Current Research	5.00
1986– 1	Geological Fieldwork, 1985, A Summary of Field Activities and Current Research	5.00
– 2	Geological Setting and Mineralization in the Mount Attwood–Phoenix Area of the Greenwood Mining Camp, by B.N. Church	5.00
– 3	Coal in British Columbia	15.00
– 4	Introduction to Prospecting, by E.L. Faulkner	10.00
– 5	Coal in Northwestern British Columbia – An Overview, by T.G. Schroeter, G.V. White and Jahak Koo	3.00
1987– 1	Geological Fieldwork, 1986, A Summary of Field Activities and Current Research	5.00

MAPS OF THE PROVINCE

	Price $
Map A – Generalized Geological Map of the Canadian Cordillera, 48°N to 65°N, by E.V. Jackson, 1967 (1:2 500 000), 1 sheet (colour); prepared to accompany CIM Special Volume 15	5.00
Map C – Faults, Porphyry Deposits and Showings, and Tectonic Belts of the Canadian Cordillera, 48°N to 65°N, by R.H. Seraphim, V.F. Hollister, E.V. Jackson, S.H. Pilcher, J.J. McDougall, and A. Sutherland Brown, 1976 (1:2 500 000), one sheet on transparent mylar, includes tables of porphyry deposits and showings; prepared to overlay Map A and to accompany CIM Special Volume 15	20.00
Map D – Faults, Tectonic Belts, and Thermal Springs of the Canadian Cordillera, transparent overlay showing the geographic location and name of 102 measured and unmeasured thermal springs in relation to the faults and tectonic belts of the Canadian Cordillera; complimentary to Map A	5.00
Metallic Mineral Potential of British Columbia, 1978 (1:2 000 000)	5.00
Areas Alienated or Restricted from Mining in British Columbia, 1983 (1:2 000 0000)	5.00
Geothermal Potential Map of British Columbia, 1983 (1:2 000 000)	10.00

MISCELLANEOUS MAPS

Geology of the Unuk River–Salmon River–Anyox Area (parts of 103 O, P and 104 A, B), by E.W. Grove (separates of coloured maps accompanying Bulletin 63)	10.00
Areas Underlain by Economic Reserves of Coal, Southeastern British Columbia, 1983 (1:250 000)	5.00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OPEN FILE MAPS AND REPORTS

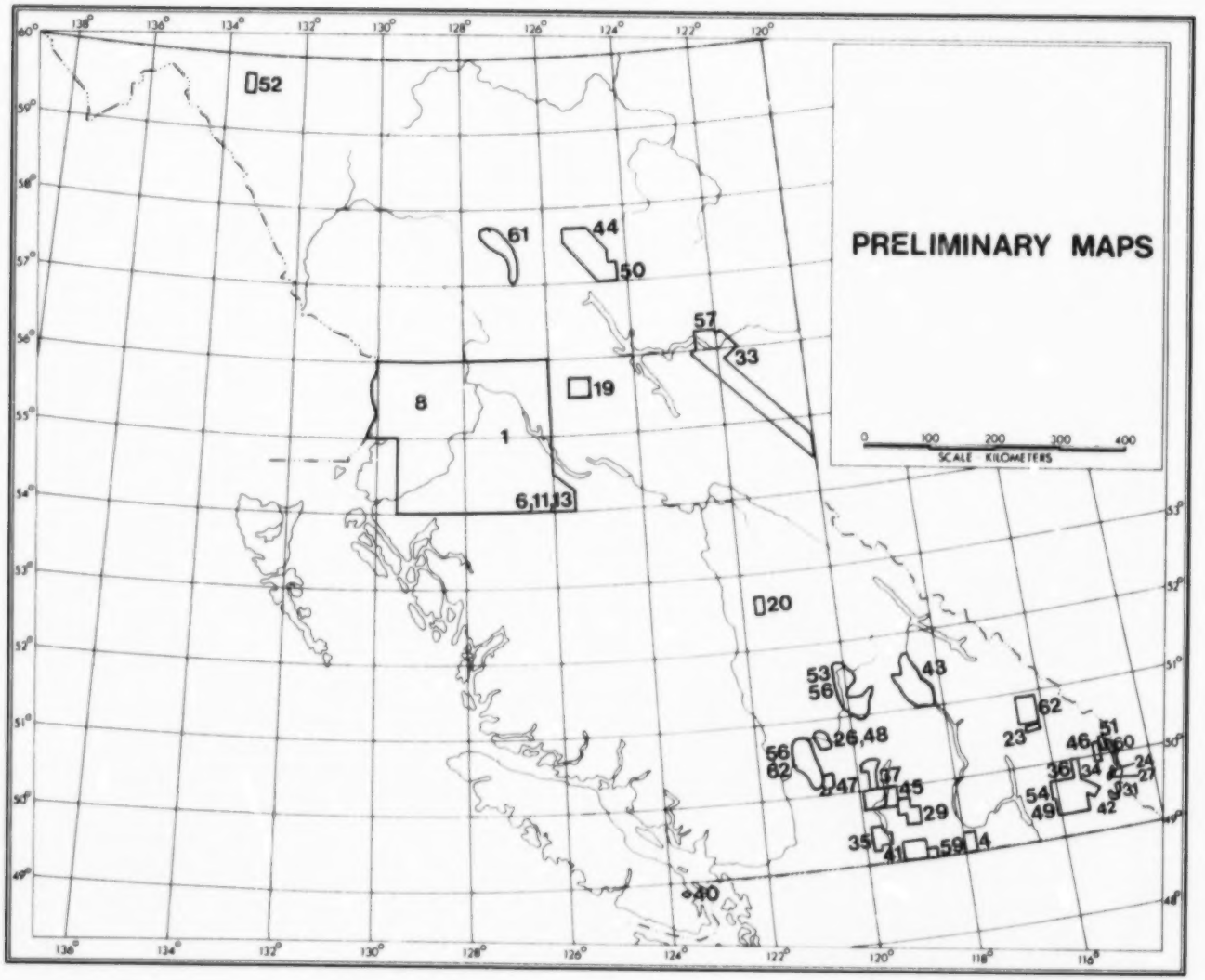
To get results to the interested public faster, a new series of reports and maps, the Open File series, has been initiated. These maps (with or without accompanying notes) and reports are prepared by the geologists for quick release of the data; they are not subject to our normal editorial scrutiny.

		Price $
1986– 1	Geology of the Hozameen Fault Area (92H; 92H/6, 11; 92H/11), by G.E. Ray (1:20 000, 1:6 000 and detailed), 7 sheets	4.00
– 2	Geology of the Kitsault River Area (103P), by D.J. Alldrick, G.L. Dawson, J.A. Bosher, and I.C.L. Webster (1:50 000), 1 sheet	2.00
– 3	Geology of the Klappan Coalfield in Northwest British Columbia (104H/2, 3, 6, 7), by Jahak Koo (1:50 000), 1 sheet	2.00
– 4	Geology and Lithogeochemistry of the Chilko–Taseko Lakes Area (92O/4, 5; 92J/13; 92K/16; 92N/1), by G.P. McLaren (1:50 000), 2 maps plus accompanying notes (reissued 1987)	2.00
– 5	Geology of the Vavenby Area (82M/12 and parts of 5 and 11), by Paul Schiarizza (1:50 000), 1 sheet	2.00
– 6	Stream Sediment Geochemistry of the Chilko–Taseko Lakes Area (92O/4, 5; 92J/13; 92K/16; 92N/1), by G.P. McLaren (1:50 000), 14 geochemical sheets, 1 sample location sheet, and tabulation, compliments Open File map 1986–4	20.00
– 7	Occurrence and Distribution of Platinum-Group Elements in British Columbia, by V.J. Rublee, report with map in pocket (1:2 000 000)	5.00
– 8	Report of the 1982 Advisory Committee to the Geological Branch, Ministry of Energy, Mines and Petroleum Resources	Free
1987– 1	Geology of Dome Mountain Area (93L/10, 15), by D. MacIntyre, P. Desjardins, P. Mallett, and D. Brown	2.00
– 2	Geology of the Cowichan Lake Area (92C/16), by N.W.D. Massey, S.T. Friday, P. Tercier, and V.J. Rublee	5.00
– 3	Geology and Mineral Potential of the Warner Pass Map Sheet (92O/3), by J.K. Glover, P. Schiarizza, P.S. Umhoefer and J. Garver	2.00
– 4	Whitesail Lake Area: Geology and Epithermal Gold and Silver Prospects (93E/10W, 11E), by L. Diakow and M. Mihalynuk	2.00
– 5	Geology of the Midway Area, Northern British Columbia (104O/16), by J. Nelson and J. Bradford	3.00
– 6	Bullmoose Creek (93P/3), by W. Kilby and C.B. Wrightson	2.00
– 7	Sukunka River (93P/4), by W. Kilby and C.B. Wrightson	2.00
– 8	Geology of Skookumchuck Map Area (West Half), Southeastern British Columbia (82G/13W), by G. Carter and T. Höy	2.00
– 9	Geology of Eureka Peak – MacKay River (93A/7), by M.A. Bloodgood	2.00
–10	Geology and Mineral Occurrences in the Hedley Gold Camp, Southern British Columbia (92H/8E), by G.E. Ray and G.L. Dawson	3.00
–11	Geology of the Gold Bridge Area (92J/15W), by B.N. Church and M. MacLean	2.00

Open File Maps and Reports *(Continued)*		Price $
–12	Geology West of Chilko Lake; Geology and Lithogeochemistry of the Chilko–Taesko Lakes Area (92N/1, 8; 92O/4, 5), by G.P. McLaren	3.00
–13	Magnesite, Brucite and Hydromagnesite Occurrences in British Columbia (report with map in pocket), by B. Grant	5.00

MISCELLANEOUS PRELIMINARY MAPS

	Price $
Preliminary Geological Map, Alice Lake–Benson Lake (part of 92L), by W.G. Jeffrey, 1962 (1 inch = 1 mile)	2.00
Preliminary Geological Map, Buttle Lake Area (part of 92F), by W.G. Jeffrey, 1964 (1 inch = ½ mile)	2.00


PRELIMINARY MAPS
0 100 200 300 400
SCALE KILOMETERS
52
61
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37
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35
41
59
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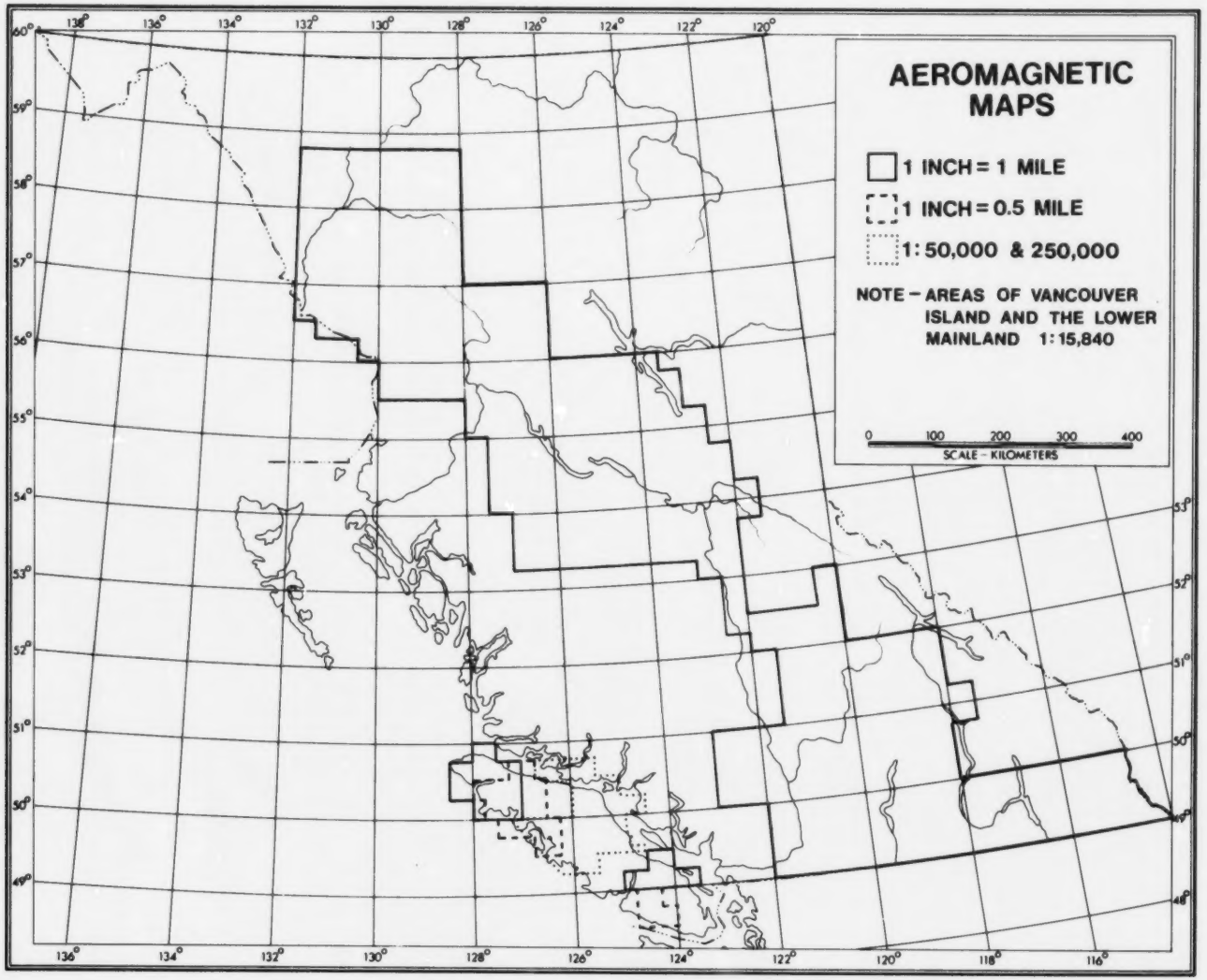
PRELIMINARY MAP SERIES

Map Number		Price $
1	Geological Compilation Map of the Smithers, Hazelton, and Terrace Areas (parts of 93 L, M, and 103I), by N.C. Carter and R.V. Kirkham, 1969 (1:250 000), 1 sheet plus accompanying notes	3.00
8	Geological Compilation Map of the Stewart, Anyox, Alice Arm, and Terrace Area (parts of 103 I, P, and 104A), by N.C. Carter and E.W. Grove, 1971 (1:250 000)	3.00
10	Preliminary Geological Map of the Aspen Grove Area (mainly in 92H/NE), by P.A. Christopher, 1973 (4 inches = 1 mile)	3.00
11	Preliminary Geological Map of the Buck Creek Area (mainly in 93L/SE), by B.N. Church, 1973 (1 inch = 2 miles)	3.00
13	Preliminary Geologica Map of the Owen Lake–Goosly Lake Area (part of 93L/1 and 2), by B.N. Church, 1973 (1:50 000); petrochemical overlays, Maps 13b to 13i, by J. Barasko and B.N. Church (Maps 13a to 13i), 9 sheets	10.00
14	Geological overlays, Copper Mountain Area (to accompany geological maps of Bulletin 59), by V.A. Preto, 1974 (1 inch = 1,000 feet), 2 sheets	3.00
19	Preliminary Geological Map of the Germansen Lake Area (parts of 93N/10W, 11E), by H.D. Meade, 1975 (2 inches = 1 mile), 1 sheet plus accompanying notes	3.00
20	Preliminary Geological Map of the Morehead Lake Area, Central British Columbia (93A/10E), by David G. Bailey, 1976 (1:31 680), 1 sheet plus accompanying notes	3.00
22	Radioactive Occurrences in British Columbia, by P.A. Christopher, 1976 (1:3 000 000), 1 sheet plus accompanying notes	3.00
23	Preliminary Geologica Map of the Toby Creek Area (82K/8, 9), by Susan J. Atkinson, 1976 (1:15 840)	3.00
24	Preliminary Geological Map of Crowsnest Coalfield, Northwest Part (part of 82G/10), by D.E. Pearson, F.B. Gigliotti, and D.A. Grieve, with N.C. Ollerenshaw of the Geological Survey of Canada, 1977 (1:10 000 – approximately 60 square kilometres), 6 sheets	10.00
26	Preliminary Geological Map of Iron Mask Batholith (92I/9W and 10E), by K.E. Northcote, 1977 (4 inches = 1 mile or 1:15 840 – approximately 140 square kilometres), 1 sheet plus accompanying notes	3.00
27	Preliminary Geological Map of the Crowsnest Coalfield, West Part (part of 82G), by D.E. Pearson and D.A. Grieve, 1978 (1:10 000), 5 orthophoto maps	3.00
29	Preliminary Geological Map of the East Okanagan Uranium Area (Kelowna to Beaverdell), South-Central British Columbia (82E/10, 11, 14, 15), by P.A. Christopher, 1978 (1:50 000), map with marginal notes	3.00

Preliminary Map Series *(Continued)*		Price $
30	Preliminary Geological Map of the Guichon Creek Batholith (92I/2W, 6E, 7W, 10W, 11E, and small areas of 14E and 15W), by W.J. McMillan, 1978 (1:100 000 and 1:25 000), 1 coloured map (out of print)	5.00
31	Preliminary Geological Map of Crowsnest Coalfield, Northeast Part (82G/7 and 10), by F.B. Gigliotti and D.E. Pearson, 1978 (1:10 000), 3 sheets	5.00
32	Geochemical Orientation Survey – Hazelton Area (93M/3W, 4E), by T.E. Kalnins, 1979	3.00
33	Coal Resources, Peace River Coalfield, Northeastern British Columbia, by R.D. Gilchrist and B.P. Flynn, 1978 (1:50 000), 7 geological maps plus index map	10.00
34	Preliminary Geological Map of the Mount Fisher–Sand Creek (parts of 82G/6, 11, 12), by Margaret E. McMechan, 1977–78 (1:50 000), map plus accompanying notes	3.00
35	Preliminary Geological Map of the Penticton Tertiary Outlier (parts of 82E/4, 5), revised, by B.N. Church, 1982 (1:50 000)	3.00
36	Preliminary Geological Map of the Estella-Kootenay King Area, Hughes Range, Southeastern British Columbia (82G/11, 12, 13, 14), by T. Höy, 1978 (1:50 000) map plus accompanying notes	3.00
37	Preliminary Geological Map of the Terrace Mountain Outlier (parts of 82L/4E, 5E), by B.N. Church, 1980 (1:50 000)	3.00
38	Geological Compilation and Mineral Occurrence Map, Driftpile Creek–Akie River Ba-Pb-Zn Mineral District (all or part of 92F/2, 6, 7, 10, 11, 12, 13, 14, 94K/4, 92L/1), by D.G. MacIntyre, 1980 (1:250 000)	3.00
39	Geology of the Kelowna Tertiary Outlier (West Half) (part of 82E/13), by B.N. Church, 1980 (1:50 000)	3.00
40	Geology of the Mt. Richards Area, Vancouver Island, B.C., by G.E.P. Eastwood, 1978–79 (1:15 840)	3.00
41	Geology of the Rock Creek Tertiary Outlier (parts of 82E/3E, 2W), by B.N. Church, 1980 (1:50 000)	3.00
42	Coal Measures in the Crowsnest Coalfield, (NTS 82), by D. Pearson and D. Grieve (1:10 000)	7.00
43	Geology of the Eastern Margin of Shuswap Complex, Frenchman Cap Area (part of 82M), by T. Höy and R.L. Brown (1:10 000)	3.00
44	Geology of the Akie River Ba-Pb-Zn Mineral District (94F/6, 7, 10, 11), by D. MacIntyre (1:50 000)	3.00
45	Geology of the Kelowna Tertiary Outlier (82E/14W), by B.N. Church, 1981 (1:50 000)	3.00
46	Geology of the Alpine-Boivin Carbonate-hosted Zinc Occurrences, Rocky Mountain Front Ranges, Southeastern British Columbia (parts of 82G/14E and 82J/3E), by G. Gibson (1:25 000)	4.00

Preliminary Map Series *(Continued)*		Price $
47	Nicola Project, Merritt Area (92I/2a, b, c and 92I/2f, g, h), by W.J. McMillan (1:25 000), 2 sheets	5.00
48	Geology of the Kamloops Group near Kamloops (92I/NE), by T. Ewing (1:50 000)	4.00
49	Geology of the Moyie Lake Area, Purcell Mountains, Southeastern British Columbia (82G/W), by T. Höy and L. Diakow (1:50 000)	4.00
50	Geology of the Akie River Ba-Pb-Zn Mineral District (94F/1, 2), by D.G. MacIntyre (1:50 000)	5.00
51	Geology of the Greenhills Range, Elk Valley Coalfield (82J/2), by D.A. Grieve and D.E. Pearson (1:10 000)	5.00
52	Geology of the Ruby Creek–Boulder Creek Area (104N/11W) (Adanac Molybdenum Deposit), by P.A. Christopher and R.H. Pinset (1:12 000)	4.00
53	Geology of the Barriere River–Clearwater Area (82M/4, 5, 12; 92P/1, 8, 9), by P. Schiarizza (1:50 000)	3.00
54	Geology of the Cranbrook Sheet and Sullivan Mine Area (82G/12, 82F/9), by T. Höy (1:50 000)	3.00
55	Areas Alienated or Restricted from Mining in British Columbia, by A. Ratel and J. Fontaine (1:2 000 000)	3.00
56	Geology of the Adams Plateau–Clearwater Area (82L/13; 82M/3, 4, 5, 6, 12; 92P/1, 8, 9), by P. Schiarizza, V.A. Preto, G.P. McLaren, L.J. Diakow, and D. Forster (1:100 000)	3.00
57	Geology of the Butler Ridge Area (94B/1), by A. Legun (1:50 000)	3.00
58	Mineral and Coal Potential, Northwestern British Columbia, by T.G. Schroeter (1:1 000 000)	3.00
59	Geology and Mineralization in the Mount Attwood–Phoenix Area, Greenwood, B.C., by B.N. Church (1:25 000)	4.00
60	Geology of the Elk Valley Coalfield, Southern Half (Kilmarnock Creek to Alexander Creek) (82G/15, 82J/2), by D.A. Grieve and J.M. Fraser (1:10 000)	15.00
61	Geology of the Toodoggone River Area (NTS 94), by L.J. Diakow, A. Panteleyev, and T.G. Schroeter (1:50 000), 2 sheets	5.00
62	Geology of the Mount Forster Map-Area (82K/9, 16), by S. Bennett (1:25 000)	3.00
64	Gold in British Columbia, by T.G. Schroeter and A. Panteleyev (1:2 000 000)	5.00
65	1986 Producers and Potential Producers, Mineral and Coal (1:2 000 000)	3.00


AEROMAGNETIC MAPS
1 INCH = 1 MILE
1 INCH = 0.5 MILE
1:50,000 & 250,000
NOTE – AREAS OF VANCOUVER ISLAND AND THE LOWER MAINLAND 1:15,840
0 100 200 300 400
SCALE - KILOMETERS
60° 59° 58° 57° 56° 55° 54° 53° 52° 51° 50° 49°
138° 136° 134° 132° 130° 128° 126° 124° 122° 120° 118° 116°
53° 52° 51° 50° 49° 48°

AEROMAGNETIC MAP SERIES

Aeromagnetic maps of selected parts of Vancouver Island and the Queen Charlotte Islands were made on an experimental basis and issued from 1957 to 1959. A list is available from the Ministry.

An aeromagnetic survey of parts of Vancouver Island made for Texada Mines Ltd. in 1973 was purchased by the Ministry, and copies of the maps are offered to the public with a geological interpretation by a geologist of the Ministry. The maps cover parts of the following NTS areas:

Price per sheet, with interpretation: $5.00

Scale: 1 inch = ½ mile

Sheet 1 – 92L/4E, 5E&W
Sheet 2 – 92E/14W, 92L/3W, 4E
Sheet 3 – 92L/6E&W
Sheet 4 – 92L/7W, 10W, 11E
Sheet 5 – 92L/2W, 3E, 6E, 7W
Sheet 6 – 92L/2E&W, 7E&W
Sheet 7 – 92E/15E&W, 92L/2E&W
Sheet 8 – 92E/9W, 10E, 15E, 16W
Sheet 12 – 92K/4E
Sheet 16 – 92C/9W, 10E, 15E, 16W
Sheet 17 – 92C/9E&W, 10E, 16W

Scale: 1 inch = ¼ mile

Sheet 9 – 92K/11W, 12E
Sheet 10 – 92K/5W, 92L/8E
Sheet 11 – 92K/4W, 92L/1E
Sheet 13 – 92F/14W
Sheet 14 – 92F/13E, 14W
Sheet 15 – 92F/12E

A Federal/Provincial agreement to share costs equally of aeromagnetic surveys has resulted in considerable coverage of Southern, Central Interior, and Northwestern British Columbia. Maps issued cover the following NTS areas:

Scale: 1 inch = 1 mile

82E/1–16
82F/1–16
82G/3–16, 11–14
82K 13
82L/1–16
82M/1–16
82N 4
92F 1 (and part of 8 and part of 92G/4), 2 (and part of 7)
92H/1–16
92I/1–16
92J/1, 2, 7–10, 15, 16
92L/3–6, 11–13
92P/1–3, 6–11, 14–16
93A/1–8, 12, 13
93B 8, 9, 16
93E/7–10, 15, 16
93F/5–16

Price per sheet: $3.00

93G/1, 2, 5–16
93H 13
93I 4
93J/1–15
93K/1–16
93L/1–3, 6–11, 14–16
93M/1–16
93N/1–16
93O/2–6, 11–13
94D/1–16
102I 9 (and part of 8)
103P/9–16
104A/1–16
104B/1, 6–16
104G/1–16
104H/1–16
104I/1–16
104J/1–16

Scale: 1 inch = 4 miles

82 F, G (W½), L, M,
92H, I, J (E½), P (E¾)

Price per sheet: $2.00

93 A, E, F, K, L, M, N, O
94D

Aeromagnetic Map Series *(Continued)*

Scale: 1:50 000 **Price per sheet: $2.00**

92B/3W, 4E, 5, 6, 11–14
92C/7E, 8–10, 13E, 14–16

94C/1–8, 10–15

Scale: 1:250 000 **Price per sheet: $2.00**

92 B (and part of G)
92 C
94 B, C, F, G, K, L, M, N

103 P
104 A, B, G, H, I, J

MINFILE

MINFILE is a computer-based mineral occurrence database for the province. During 1985 and 1986 the database, software and hardware were redesigned. During 1987 new MINFILE products and prices will be announced. These will include complete deposit descriptions, cross-indexes, microfiche, computer tapes and floppy diskettes (MS–DOS compatible). In addition comprehensive custom searches will be available.

Information may be obtained from Allan Wilcox or Cindy Borsholm at 387-5666.

PROPERTY FILE

Published and unpublished reports, maps, press clippings, and airphotos are kept on file for MINFILE mineral occurrences. These files use the same numbering system as MINFILE and are organized by NTS map sheet. These files are available for viewing and copying at Room 200, 756 Fort Street, Victoria, B.C. V8W 3A3. For further information contact Janet Fontaine at 387-5666.

COALFILE

The Geological Survey Branch maintains a large library of coal assessment reports, dating from 1900, submitted by exploration companies in compliance with the *Coal Act*. Exploration data from the assessment reports have been summarized and stored in a computer information system called COALFILE, to provide a quick and efficient method for handling the large volume of data. Information in COALFILE is useful in exploration planning and it provides a resource base for federal and provincial government agencies, and universities. Updating and maintenance of this file are ongoing.

Information regarding the type of output available from COALFILE and the associated costs for data requests is available in brochure format, COALFILE, A Computerized File of Coal Exploration Data for British Columbia. This brochure is available on request from the Geological Survey Branch, 756 Fort Street (second floor), Victoria, B.C.

MINERAL INVENTORY MAP SERIES

Mineral Inventory maps are available at scales of 1 inch equals 2 miles, 1:125 000, and 1:250 000, and show on a standard topographic map the location of metallic, industrial, coal, and placer mineral occurrences, the name of the property, an identifying number, and the metals or commodities present. A total of approximately 8 600 mineral occurrences is shown on 94 maps. This series is designed to compliment MINFILE, the computer database of all mineral occurrences.

Indicate desired maps by NTS sheet followed by (MI), for example, 93A(MI) or 82E/SE(MI).

Scale: 1 inch = 2 miles or 1:125 000

Price per sheet $2.00

82E/SE, SW, NE, NW
82F/SE, SW, NE, NW
82G/SE, SW, NW (and part of NE)
82J/SW (and part of SE), NW
82K/SE, SW, NE, NW
82L/SE, SW, NE, NW
92B/NW (and part of SW)
92G/SE, SW, NE, NW
92H/SE, SW, NE, NW
92I/SE, SW, NE, NW
92J/SE, NE

Scale: 1:250 000

Price per sheet: $2.00

82 M, N
83 D (and part of C)
92 C, E, F, J (W½), K, L (and part of 102I), M, N, O, P
93 A, B, C, D (and part of 103A), E, F, G, H, I, J, K, L, M, N, O, P
94 A, B, C, D, E, F, G, K, L, M, N
103 B–C, F (and parts of G, J, and K), H (and part of G), I (and part of J), P (and part of O)
104 A, B, F, G, H, I, J, K, M, N, O, P
114 P

MINERAL DEPOSIT/LAND USE MAP SERIES

Mineral Deposit/Land Use maps portray relative mineral potential and the probability of mineral discovery and exploration activity. On these interpretative maps, terrain is subdivided into five hierarchical categories on the basis of distribution of deposits in relation to the areal geology and to the estimated mineral potential of the geological environment.

Scale: 1:250 000

Price per sheet: $2.00

82 G, J, K, L, M, N
83 D
92 B–C, E, F, G, H, I, J, K, L (and part of 102I), M, N, O, P
93 A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P
94 A, B, C, D, E, F, L, M
103 A, B–C, F (and part of G, K), H (and part of G), I, J, P (and part of O)
104 A, B, F, G, H, I, J, K (and part of L), M, N, O, P
114 O–P (one map)

In addition, maps of the Arrow Lakes area (part of NTS 82 E, F, K, L, M, N) and the Mica Dam Study (parts of NTS 83 C, D and 82 M, N) have been released and are available at $2.00 per blackline print.

ASSESSMENT REPORT SERIES

Reports submitted to the Ministry for assessment credit on properties held under the *Mineral Act and Mining (Placer) Act* have been microfilmed and are available, upon expiration of the confidential period, for viewing at all the district geologist's offices and most of the gold commissioner's (their mining division and surrounding mining divisions) throughout British Columbia. Photocopies of the reports on microfiche can be obtained from Room 421, 617 Government Street, Victoria, B.C. V8V 1X4 (387-5975) or 800 Hornby Street, Vancouver, B.C. V6Z 2C5 (660-2672) at a cost of $10.00 per report.

Microfiche and photocopies can also be obtained from The Victoria Microfilm Company Ltd., 531 Culduthel Road, Victoria, B.C. V8Z 1G1, telephone 381-4222.

Index maps (18" x 24") showing the locations and numbers of assessment reports are available at $1.00 per map. They are produced from microfilm and have scales of approximately 1:85 000, 1:200 000, and 1:400 000. These maps are available for viewing at all of the district geologists offices and most gold commissioner's offices as above. Copies may be obtained through the Victoria and Vancouver offices listed above. When ordering, indicate the desired maps by NTS sheet followed by (AR4), for example 82F/NE (AR). There are 89 maps in this series. The price is $1.00 per sheet.

Scale (of microfilm print): 1:85 000

Price per sheet: $1.00

92I/6E and 7W (Highland Valley South)

92I/10W and 11E (Highland Valley North)

Scale (of microfilm print): 1:200 000

Price per sheet: $1.00

82E/SE, SW, NE, NW
82G/SE, SW, NW (and part of NE)
82J/SW (and part of SE), NW (and parts of 82K/NE and 82O/SW)

82K/SE, SW, NE, NW
92H/SE, SW, NE, NW
92I/SE, SW, NE, NW
92J/SE, NE

Scale (of microfilm print): 1:400 000

Price per sheet: $1.00

82 M, N (and part of O)
83 D (and part of C)
92 B–C, E, F, G, K [and part of J (W½)], L (and part of 102), O, P
93 A, B, C, D (and part of 103A), E, F, G, H (and part of 83E), I, J, K, L, M, N, O
94 A, B, C, D, E, F, G, K, L, M, N

103 B–C, F (and parts of G, J, and K), H (and part of G), I (and part of J), P (and part of O)
104 A, B, F, G, H, I, J, K, M, N, O, P
114 P

To assist users locate particular reports and information a number of computer listings are available:

	Price $
Assessment Report Index (NTS) Complete with updates in a 3-ring binder. This index is arranged by NTS map sheet. For each report the index lists the location, claim name, operator/author, work year, affidavit date, mining division and type of work.	15.00

Assessment Report Series *(Continued)*	Price $
Annual Update	5.00
Special Numerical Index All reports listed in ascending numerical order	40.00
Updates (per 100)	1.00
Special Alphabetical Index A cross-reference index of claim names and operator/author names linked to report number	50.00

REGIONAL GEOCHEMICAL SURVEY DATA

The Ministry has been involved in regional geochemical sediment surveys since 1976. The database represents multi-element determinations and field observations of reconnaissance stream sediment and water sampling of twenty-two 1:250 000 NTS map-sheet areas.

The survey involves collection of one kilogram of active stream sediment and 0.25 litre of stream water from secondary or tertiary drainages at an average density of one sample per 13 square kilometres. Field observations describing characteristics of the drainage catchment, sample site, and stream water and sediment samples are also recorded. Samples are field-dried and the -80 mesh (<177 microns) fraction is routinely analysed for zinc, copper, lead, nickel, cobalt, silver, manganese, iron, molybdenum, tungsten, and uranium. Water samples are analysed for uranium, fluorine and pH. Additional elements have been added to the program over time; they include mercury, tin, arsenic, antimony, barium, cadium, vanadium, and loss-on-ignition.

Sample collection, sample preparation, and water and sediment analyses are carried out by separate contractors. Personnel from the Ministry's Geological Survey Branch are responsible for supervision, management and quality control of the program. Data entry, digitizing, plotting, listings and compilation of statistics have been carried out by the Geological Survey of Canada.

Data for individual surveys typically include a sample location map, a mineral inventory map, a detailed listing of field and analytical results, statistical summaries, and in some instances, maps for individual elements showing ranges by symbols for both stream sediments and waters.

When ordering, please identify desired maps by NTS followed by (RGS).

A. Regional Geochemical Survey Data Packets that consist of maps showing element ranges by symbols for both stream sediments and waters, a mineral inventory map and a sample location map. Detailed listings and statistical summary of the analytical data are also included.

NTS MAP SHEET	ROUTINE ELEMENT SUITE	ADDITIONAL ELEMENTS									GSC OPEN FILE NUMBER
		Sn	Hg	As	Sb	Ba	Cd	V	LOI	F	
82E	•										409
82F	•	•	•								514
82L	•										410
82K	•	•	•								515
82M	•		•								516
93G	•		•	•	•	•	•	•	•		1214
93H	•		•	•	•	•	•	•	•		1215
93J	•	•	•	•	•	•	•	•	•	•	1216
93M	•		•	•	•						1000
93N	•		•	•	•						1001
104N	•	•	•	•							517
104O	•										561
104P	•										562

Price: $50.00/Packet

B. Regional Geochemical Survey Data Packets that consist of a mineral inventory map, a sample location map, detailed listings and a statistical summary of the analytical data.

NTS MAP SHEET	ROUTINE ELEMENT SUITE	ADDITIONAL ELEMENTS									GSC OPEN FILE NUMBER
		Sn	Hg	As	Sb	Ba	Cd	V	LOI	F	
92H	●		●	●	●						865
92I	●		●	●	●						866
92J	●		●	●	●						867
92O	●		●	●							774
92P	●		●	●							775
93A	●		●	●	●						776
93B	●		●	●	●						777
103I	●		●	●							772
103P	●		●	●							773

Price: $20.00/Packet

Note: A Routine Element Suite consists of analyses of stream sediments for Zn, Cu, Pb, Ni, Co, Ag, Mn, Fe, Mo, U, W and analyses of stream waters for U, F and pH.

Open Files 517 and 561 also contain some lake sediment data.

Open Files 772 and 773 include sample coverage for parts of 103J and 103P respectively.

MAPS SHOWING MINERAL CLAIMS, 2 POST CLAIMS, AND PLACER LEASES

Maps showing the approximate locations of placer leases, leases issued under the *Mineral Act*, and mineral and 2 post claims held by record may be seen at the Mineral Resources Division, Mineral Titles Branch, Room 412, 617 Government Street (Douglas Building), Victoria and 800 Hornby Street, Vancouver. Prints of mineral titles maps and placer titles maps at a scale of 1:50 000 may be obtained from the aforementioned offices or may be ordered by addressing a request to the Chief Gold Commissioner, Ministry of Energy, Mines and Petroleum Resources, Parliament Buildings, Victoria, B.C. V8V 1X4. The price of the maps is $2.00 per print (includes tax and third class postage) which should be submitted with an order.

An Index to these maps which indicate the areas covered by the above-mentioned scale is available, free of charge, on request to the Victoria and Vancouver offices.

	Price $
List of surveyed claims which may be acquired by application as mineral claims pursuant to section 19 of the *Mineral Act*	2.00

LAWS RELATING TO ENERGY AND THE MINERAL AND PETROLEUM INDUSTRIES

A copy of any of the various Acts relating to the energy and the mineral and petroleum industries may be obtained from the Queen's Printer Bookstore, 506 Government Street, Victoria, B.C.

REGULATIONS

Regulations under certain Acts may be obtained from the Ministry.

GUIDELINES

Guide to Locating, Recording, and Maintaining Mineral Claims and 2 Post Claims under the *Mineral Act*, 1979	Free
Guide to Placer Staking	Free